

	A	B	C	D	E	F	G
A		X			X	X	
B				X			X
C		X		X			X
D		X	X		X		X
E				X		X	
F	X				X		
G		X	X	X			

FIG. 1 - PRIOR  
ART



FIG. 2(a) - PRIOR  
ART

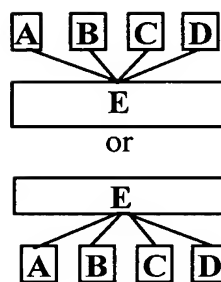


FIG. 2(b) - PRIOR  
ART

		FROM				
		A	B	C	D	E
TO	A					X
	B					X
	C					X
	D					X
	E	X	X	X	X	

FIG. 2(c) - PRIOR  
ART

	A	F	E	D	B	C	G
A		X	X				
F	X		X				
E		X		X			
D			X		X	X	X
B				X		X	X
C				X	X		X
G				X	X	X	

FIG. 3(a) - PRIOR  
ART

	A	F	E	D	B	C	G
A		X	X				
F	X		X				
E		X		X			
D			X		X	X	X
B				X		X	X
C				X	X		X
G				X	X	X	

FIG. 3(b) - PRIOR  
ART

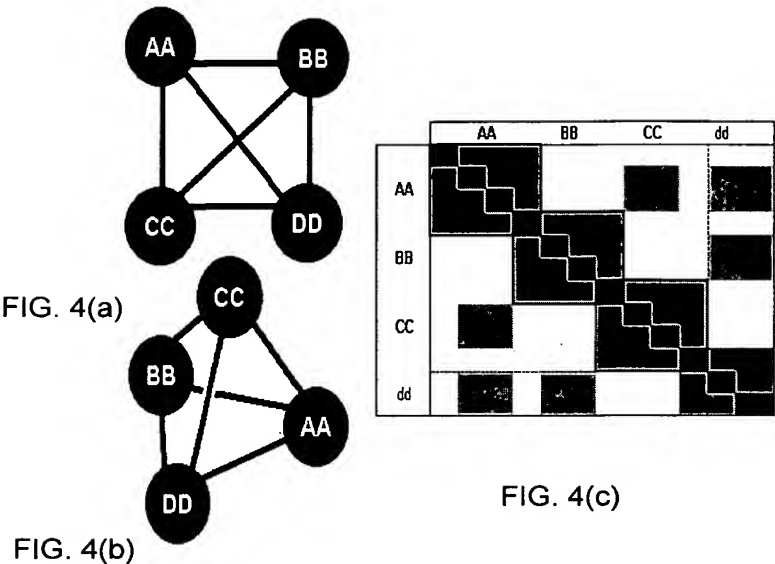
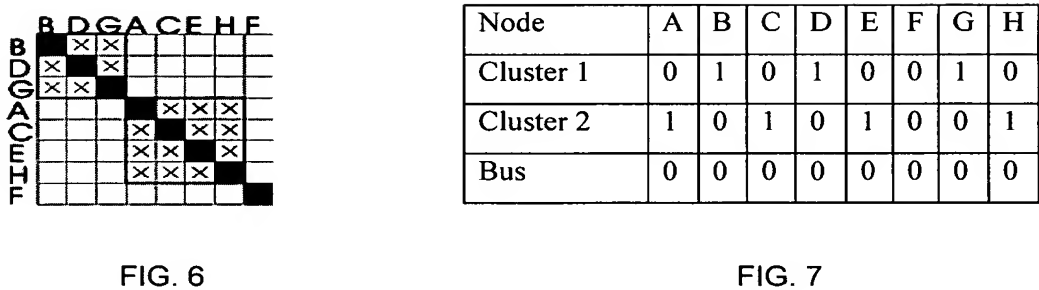


FIG. 4 - PRIOR ART



Length	$\log n_n$	$3 \log n_n$	$\log n_n$	$4 \log n_n$
Description	3	B,D,G	4	A,C,E,H

FIG. 8

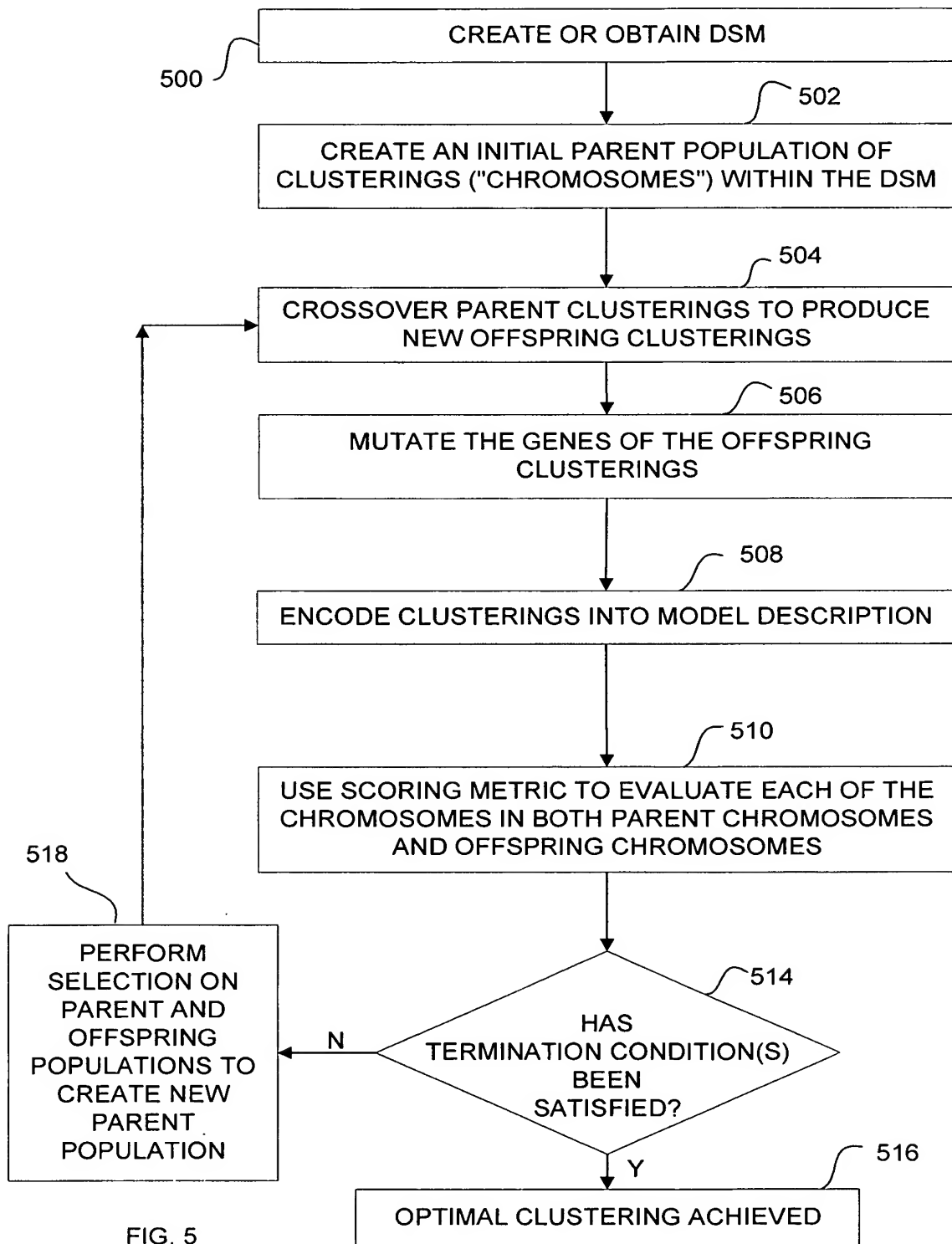
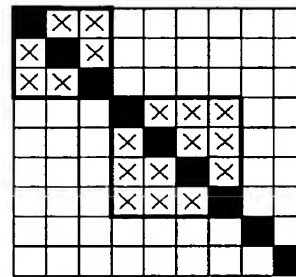
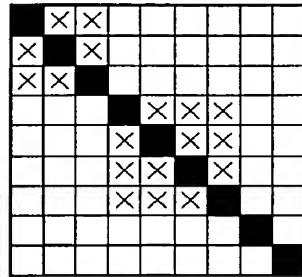


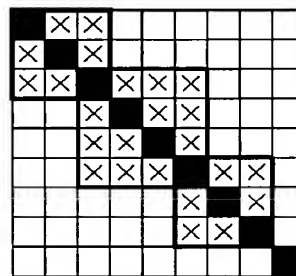
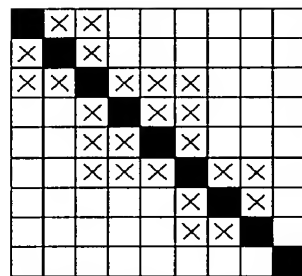
FIG. 5

**INPUT PROBLEM**

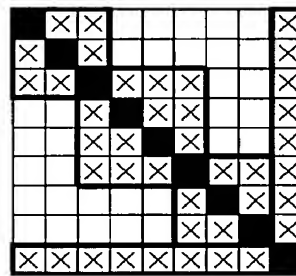
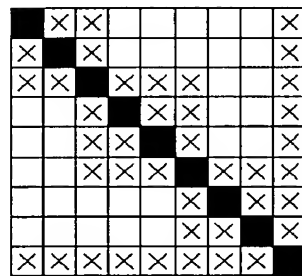
**OUTPUT RESULT**



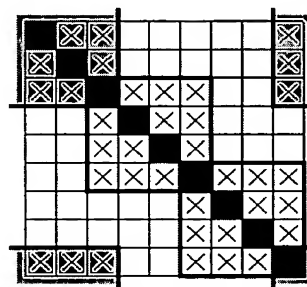
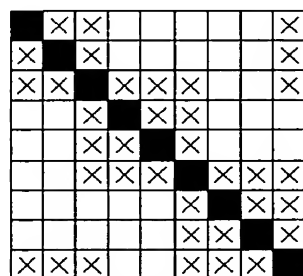
(a) TWO NON-OVERLAPPING CLUSTERS.



(b) THREE OVERLAPPING CLUSTERS.



(c) THREE OVERLAPPING CLUSTERS WITH A BUS.



(d) 3-DIMENSIONAL OVERLAPPING CLUSTERS.  
 THE SHADOWED PART FORMS A CLUSTER.

FIG. 9

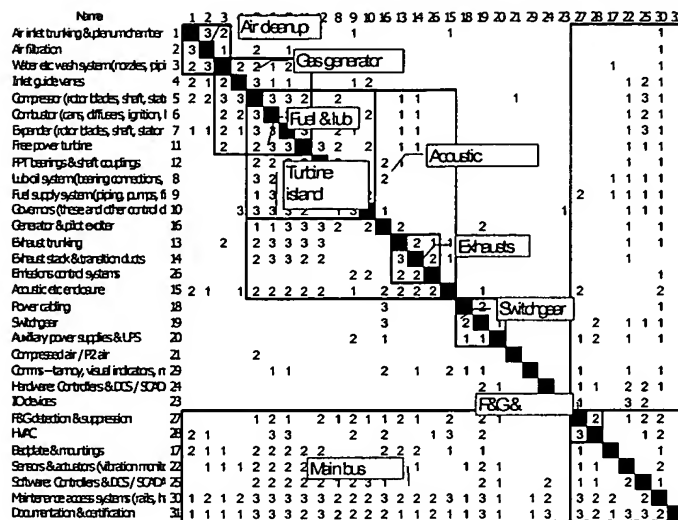


FIG. 10 - PRIOR ART

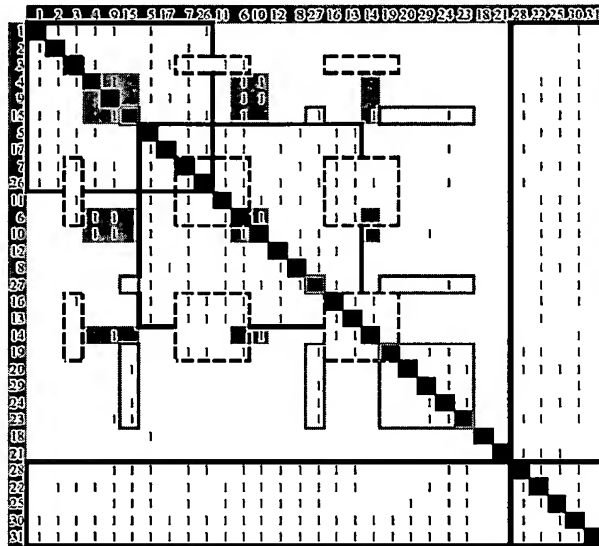


FIG. 11

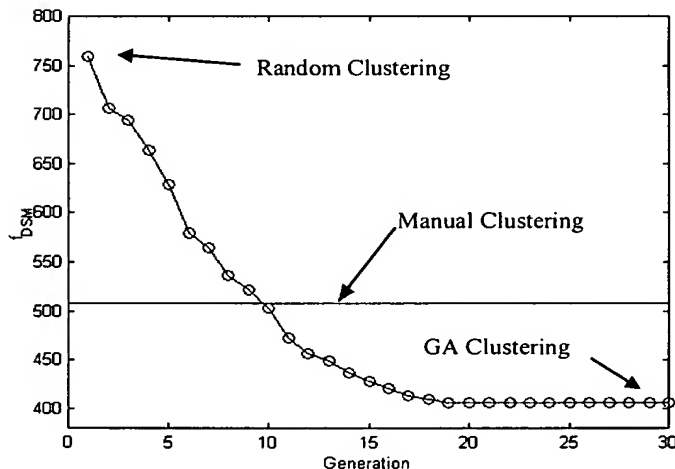


FIG. 12

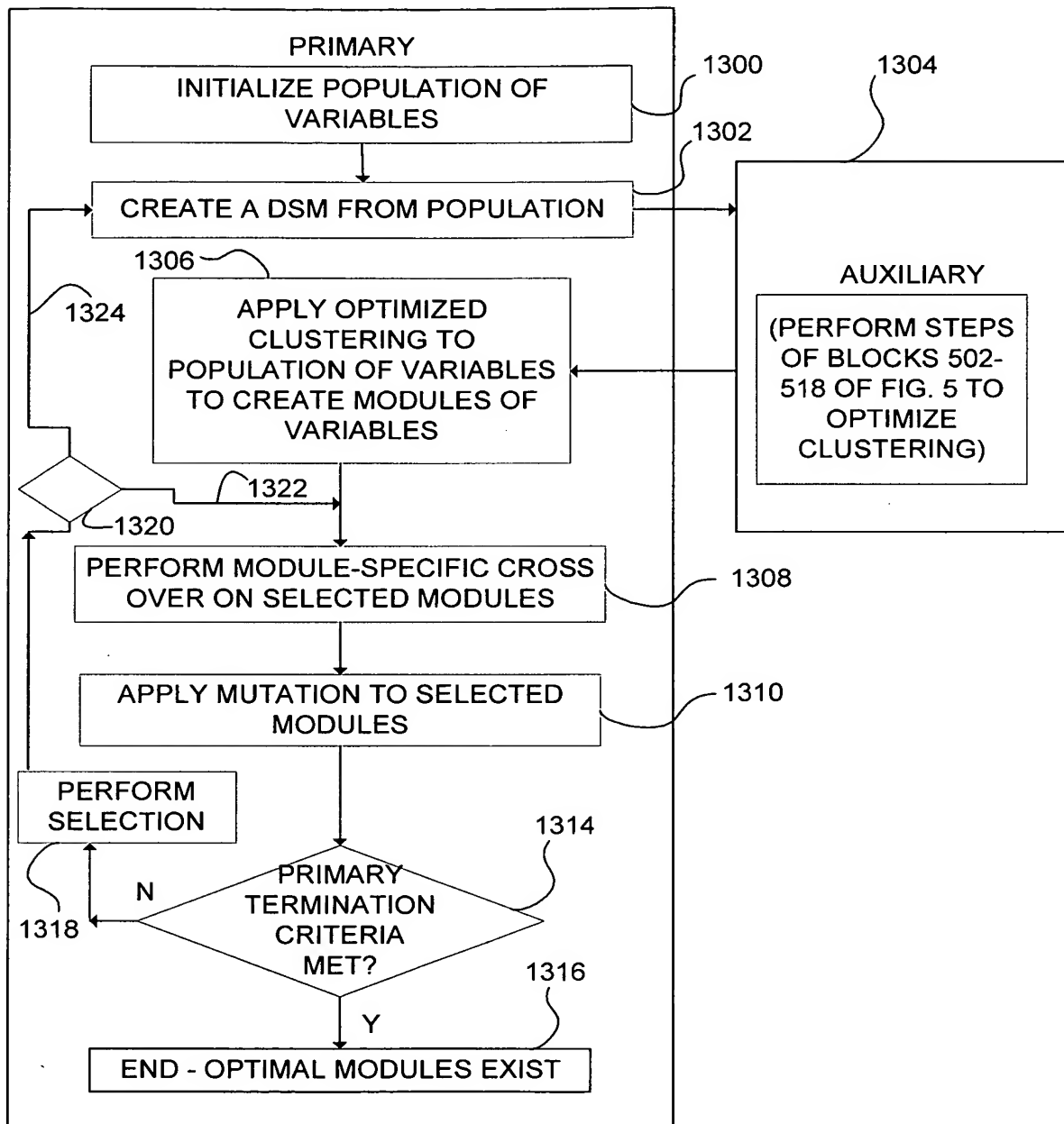


FIG. 13